



Docket No. ECV-5608

05-29-02

3738

#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Carpentier, et al.

Group Art Unit: 3738

Application No.: 10/039,367

Examiner: Post, Steven

Filing Date: January 3, 2002

For: TREATMENT OF BIOPROSTHETIC TISSUES TO  
MITIGATE POST IMPLANTATION  
CALCIFICATION

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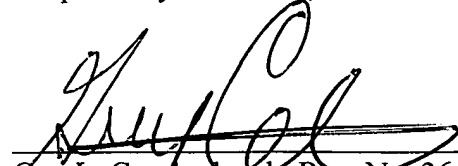
INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to the duty of disclosure set forth under 37 CFR §§ 1.56, 1.97, and 1.98, Applicants enclose the references listed on the attached form PTO/SB/08. This submission is prior to receipt of a first Office Action on the merits and thus, pursuant to 37 CFR § 1.97, no fee is believed due. If a first Office Action on the merits is mailed prior to the mailing of this Information Disclosure Statement, please charge said fee or any other fee due to Deposit Account No. 501225 ECV-5608.

Respectfully submitted,

Date: May 24, 2002

  
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CERTIFICATE OF MAILING

I hereby certify that the above-identified document is being deposited by (Express Mail No. EL 599143575US) with the United States Postal Service with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on May 28, 2002.

By:   
Andrea L. Tezino



Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/039,367
				Filing Date	January 3, 2002
				First Named Inventor	Carpentier, et al.
				Art Unit	3738
				Examiner Name	Post, Steven
				Attorney Docket Number	ECV-5608
Sheet	1	of	2		

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (If known)			
	AA	US-4,239,492	12/16/1980	Holman et al.	
	AB	US-4,597,762	07/01/1986	Walter et al.	
	AC	US-4,713,446	12/15/1987	DeVore et al.	
	AD	US-4,798,611	01/17/1989	Freeman, Jr.	
	AE	US-4,885,005	12/05/1989	Nashef et al.	
	AF	US-4,976,733	12/11/1990	Girardot	
	AG	US-5,264,214	11/23/1993	Rhee et al	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
	AH		1 063 330		10/30/1956			
	AI	DE	1 063 330		08/13/1959			
	AJ	EP	0 052 288	A2	11/13/1980			
	AK	EP	0 065 827	A1	12/01/1982			
	AL	EP	0 103 946	A2	03/28/1984			
	AM	EP	0 103 947	A2	03/28/1984			
	AN	WO	84/01879	A1	05/24/1984			
	AO	EP	0 347 496	B1	06/21/1988			
	AP	EP	0 347 496	A1	06/21/1988			
	AQ	WO	89/06945	A1	08/10/1989			

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



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Substitute for form 1449A-PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
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				<b>Art Unit</b>	3738
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<b>Sheet</b>	2	<b>of</b>	2		

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		Office Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AR	SU	1651890	A1	05/23/1991			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	AS	"Separation of glutaraldehyde and some of its aldol condensation products by hydroxylaldehyde group affinity chromatography," L. Holmquist, M. Lewin, <u>Biochem. Bioph. Meth.</u> , Vol. 22 (1991) pp 321-329	
	AT	"The impurities in commercial glutaraldehyde and their effect on the fixation of brain," E. A. Robertson, R. L. Schultz, <u>J. Ultrastructure Research</u> , Vol. 30 (1970) pp 275-287	
	AU	"Weighing the choices in radiation sterilization: Electron-Beam and Gamma," J. Williams, <u>Medical Device &amp; Diagnostic Industry</u> , (March 1995) pp 68-72	
	AV	"Continuing Improvements in Valvular Bioprotheses," Carpentier, et al. <u>Journal of Thoracic Cardiovascular Surgery</u> , (January 1982) pp 27-42	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.